SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Sydney Brenner

(ii) TITLE OF INVENTION: Molecular Tagging System

(iii) NUMBER OF SEQUENCES: 4

(iv) CORRESPONDENCE ADDRESS:
    (A) ADDRESSEE: Stephen C. Macevicz
    (B) STREET: 21890 Rucker Drive
    (C) CITY: Cupertino
    (D) STATE: California
    (E) COUNTRY: USA
    (F) ZIP: 95014

(v) COMPUTER READABLE FORM:
    (A) MEDIUM TYPE: 3.5 inch diskette
    (B) COMPUTER: IBM compatible
    (C) OPERATING SYSTEM: Windows 3.1/DOS 5.0
    (D) SOFTWARE: Microsoft Word for Windows, vers. 2.0

(vi) CURRENT APPLICATION DATA:
    (A) APPLICATION NUMBER:
    (B) FILING DATE:
    (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:
    (A) APPLICATION NUMBER:
    (B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:
    (A) NAME: Stephen C. Macevicz
    (B) REGISTRATION NUMBER: 30,285
    (C) REFERENCE/DOCKET NUMBER: cbd1

(ix) TELECOMMUNICATION INFORMATION:
    (A) TELEPHONE: (415) 638-5552
    (B) TELEFAX:

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:
    (A) LENGTH: 38 nucleotides
    (B) TYPE: nucleic acid
    (C) STRANDEDNESS: single
    (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GAGGATGCCT TTATGGATCC ACTCGAGATC CCAATCCA   38

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:
    (A) LENGTH: 26 nucleotides
    (B) TYPE: nucleic acid
    (C) STRANDEDNESS: single
    (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

AATTCGGATG ATGCATGCAT CGACCC   26

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:
    (A) LENGTH: 14 nucleotides
    (B) TYPE: nucleic acid
    (C) STRANDEDNESS: single
    (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

TAGCCTACTG AGCT   14

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:
    (A) LENGTH: 16 nucleotides
    (B) TYPE: nucleic acid
    (C) STRANDEDNESS: double
    (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

ATCGGATGAC ATCAAC   16